

NAME: \_\_\_\_\_ date: \_\_\_\_\_

## Rock Star

*You are a famous musician planning your world tour. The locations you have booked so far are: Chile, Venezuela, Greenland, and Maine (USA). You have not yet secured dates, you need to predict the best times to perform in these areas. Keep in mind that you perform in outdoor amphitheaters.*

1. Open MyNASADData.

<http://mynasadata.larc.nasa.gov/>

2. Click on +Data Access

3. Click on +Live Access Server (Advanced Edition)

4. Under Select Data Set, click on Atmosphere

5. Under Dataset, select Precipitation

6. Under Dataset variable(s), select Monthly Precipitation (GPCP)

6. Click on the red Next button

7. Check that the following options are selected:

View: Time series (t)

Output: Line plot comparison

Region: Full Region

To the right of the map, you will notice an area to fill in latitude and longitude values.

78.75 N

66.25W      66.25W

78.75N

Time range: Jan 2007

Dec 2007

10. Click the red Next. A window will appear with 4 possible line plots.

11. At the top of the window, be sure that the Compare Latitude option is selected.

12. You will now be able to view your four destinations on separate maps.

13. Keep the first map with original coordinates. (Greenland)

14. Click on the Latitude menus below the remaining 3 line plots, to change the values.

15. Change the second plot to 43.75 N (Maine, USA)

16. Change the third plot to: 6.25 N (Venezuela)

17. Change the fourth plot to: 53.75 S (Chile)

18. You should now have 4 plots displaying your data.

For each location, enter the amount of precipitation from the corresponding line plot. (Don't forget to record the unit of measurement)

	<i>Greenland</i>	<i>Maine, USA</i>	<i>Venezuela</i>	<i>Chile</i>
<i>January</i>				
<i>February</i>				
<i>March</i>				
<i>April</i>				
<i>May</i>				
<i>June</i>				
<i>July</i>				
<i>August</i>				
<i>September</i>				
<i>October</i>				
<i>November</i>				
<i>December</i>				

*Alright, Super Star, it is time for you to submit your date (month) preferences for your concert locales.*

<i>Greenland</i>	<i>Maine, USA</i>	<i>Venezuela</i>	<i>Chile</i>

*Your tour manager would like to know why you chose your dates. In a paragraph explain how you chose these tour dates.*